## COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

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APPLICATION OF BEREA COLLEGE	)
ELECTRIC UTILITY, A DEPARTMENT OF	)
BEREA COLLEGE, FOR A CERTIFICATE OF	) CASE NO.
CONVENIENCE AND NECESSITY	) 2002-00155
AUTHORIZING THE CONSTRUCTION OF	)
ELECTRIC SYSTEM IMPROVEMENTS	j

## FIRST DATA REQUEST OF COMMISSION STAFF TO BEREA COLLEGE ELECTRIC UTILITY DEPARTMENT

Berea College Electric Utility Department (Berea College), pursuant to 807 KAR 5:001, is requested to file with the Commission the original and eight copies of the following information, with a copy to all parties of record within 15 days from the date of this request. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the person who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to ensure that it is legible. Where information herein has been previously provided, in the format requested herein, reference may be made to the specific location of said information in responding to this information request.

1. Provide two copies of the voltage drop studies based on projected loads

using proposed system circuitry.

2. Has Berea College compared actual measured voltage and the calculated

voltage to determine the accuracy of the voltage drop studies?

a. If yes, provide the voltage reading and indicate the substation, line

section, and date on which each reading was taken. If the actual reading differs from

the calculated voltage by more than two volts, explain the reason for the difference.

b. If no, explain why a comparison is not necessary.

William H. Bowker

Deputy Executive Director Public Service Commission

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DATED <u>May 21, 2002</u>

cc: All Parties